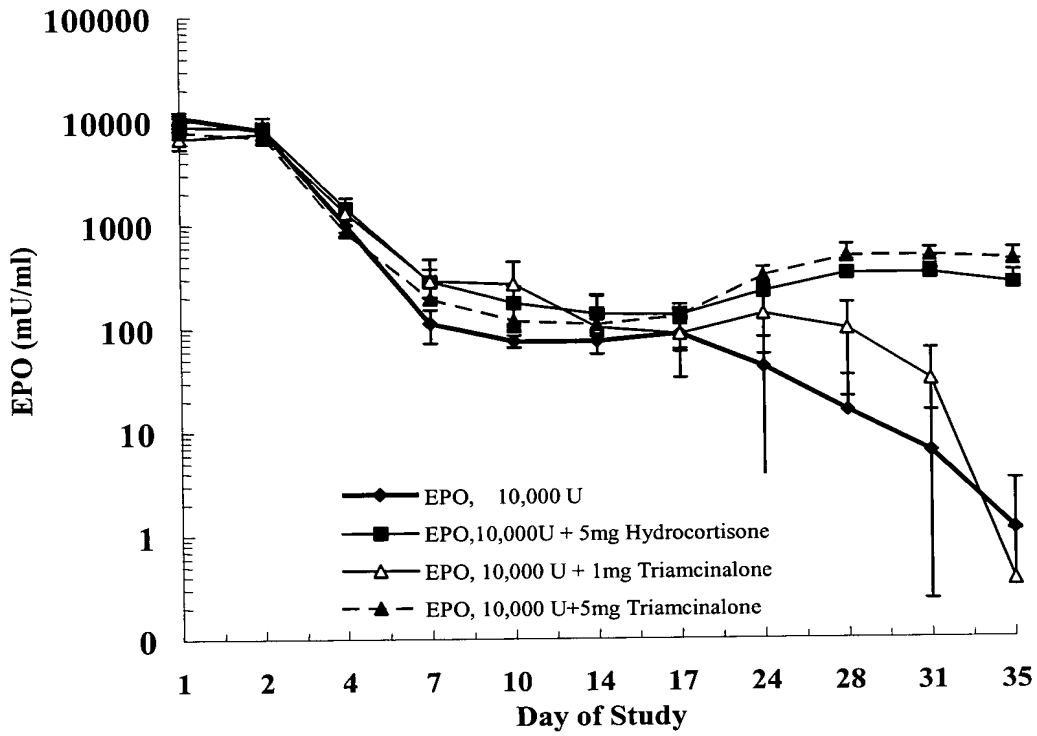
100000
10000
1000
100
10
1
0
EPO (mU/ml)
EPO, 10,000 U
EPO,10,000U + 5mg Hydrocortisone
EPO, 10,000 U + 1mg Triamcinalone
EPO, 10,000 U+5mg Triamcinalone
1
2
4
7
10
14
17
24
28
31
35
Day of Study

FIG. 1

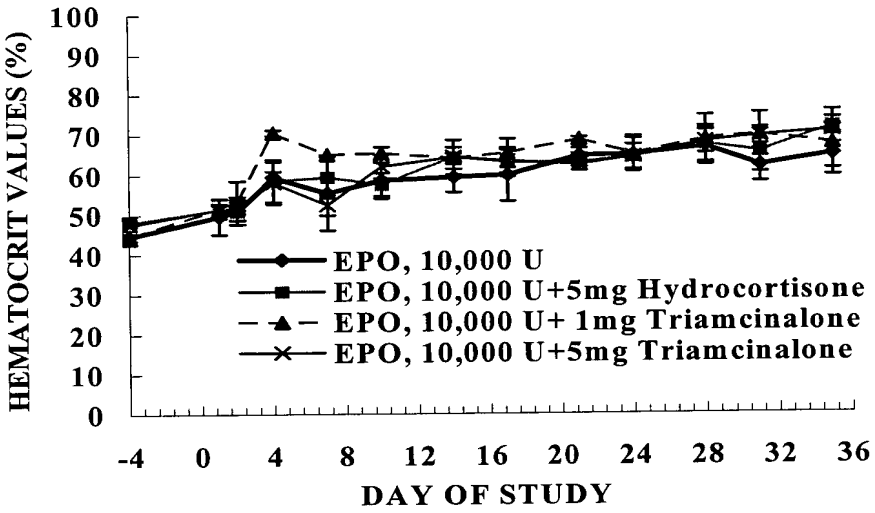
HEMATOCRIT VALUES (%)
100
90
80
70
60
50
40
30
20
10
0
-4
0
4
8
12
16
20
24
28
32
36
DAY OF STUDY
EPO, 10,000 U
EPO, 10,000 U+5mg Hydrocortisone
EPO, 10,000 U+ 1mg Triamcinalone
EPO, 10,000 U+5mg Triamcinalone

FIG. 2

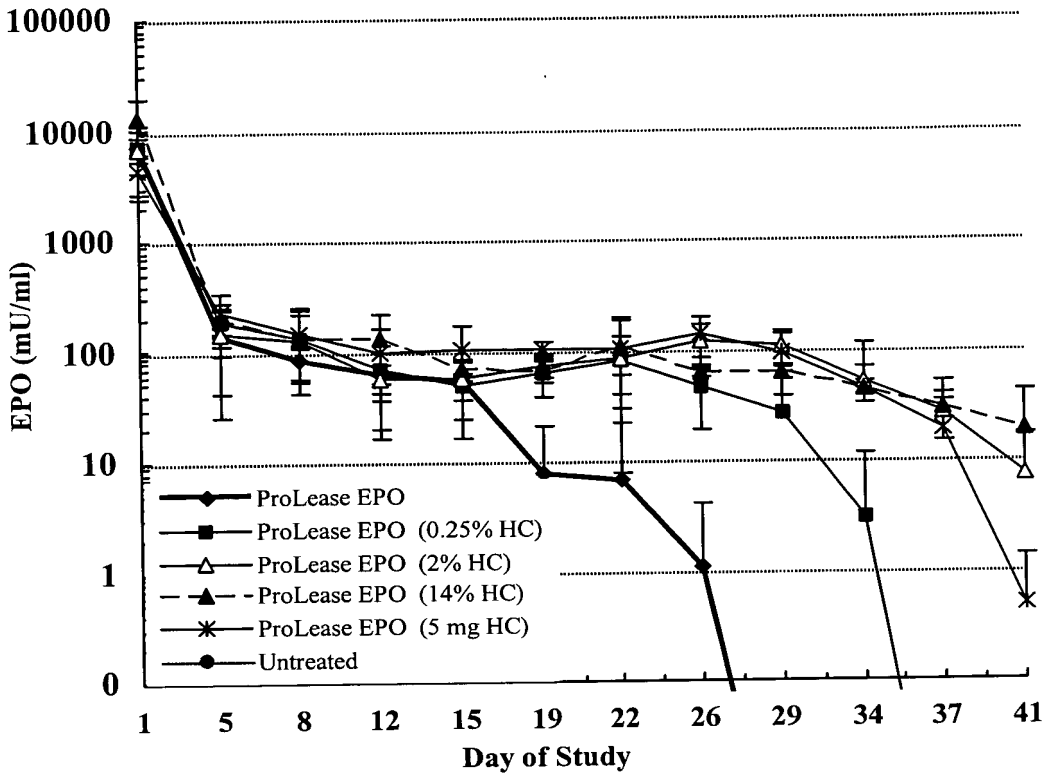
100000
10000
1000
100
10
1
0
EPO (mU/ml)
ProLease EPO
ProLease EPO (0.25% HC)
ProLease EPO (2% HC)
ProLease EPO (14% HC)
ProLease EPO (5 mg HC)
Untreated
1
5
8
12
15
19
22
26
29
34
37
41
Day of Study

FIG. 3A

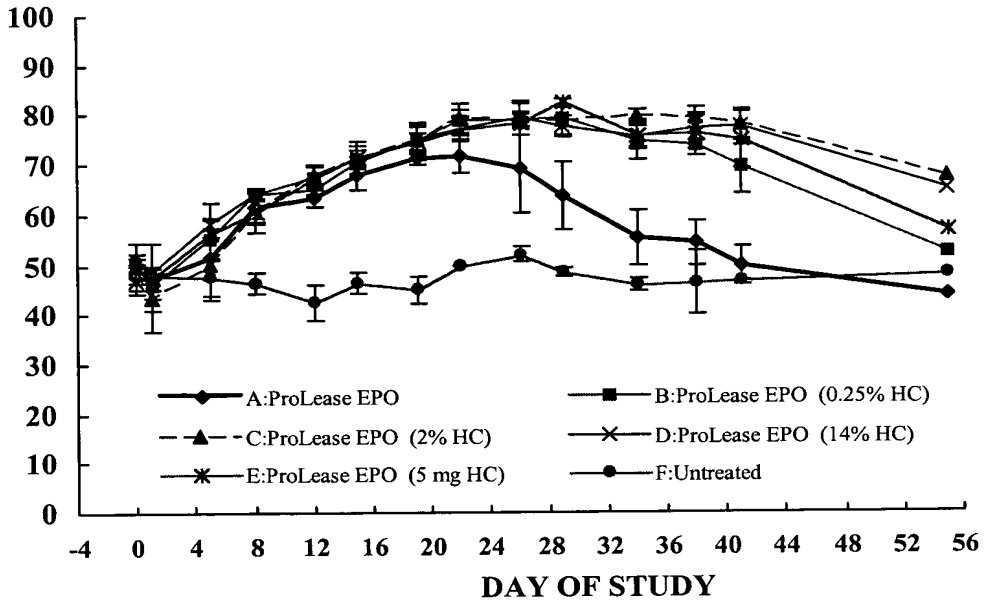
100
90
80
70
60
50
40
30
20
10
0
-4
0
4
8
12
16
20
24
28
32
36
40
44
48
52
56
DAY OF STUDY
A:ProLease EPO
B:ProLease EPO (0.25% HC)
C:ProLease EPO (2% HC)
D:ProLease EPO (14% HC)
E:ProLease EPO (5 mg HC)
F:Untreated

FIG. 3B

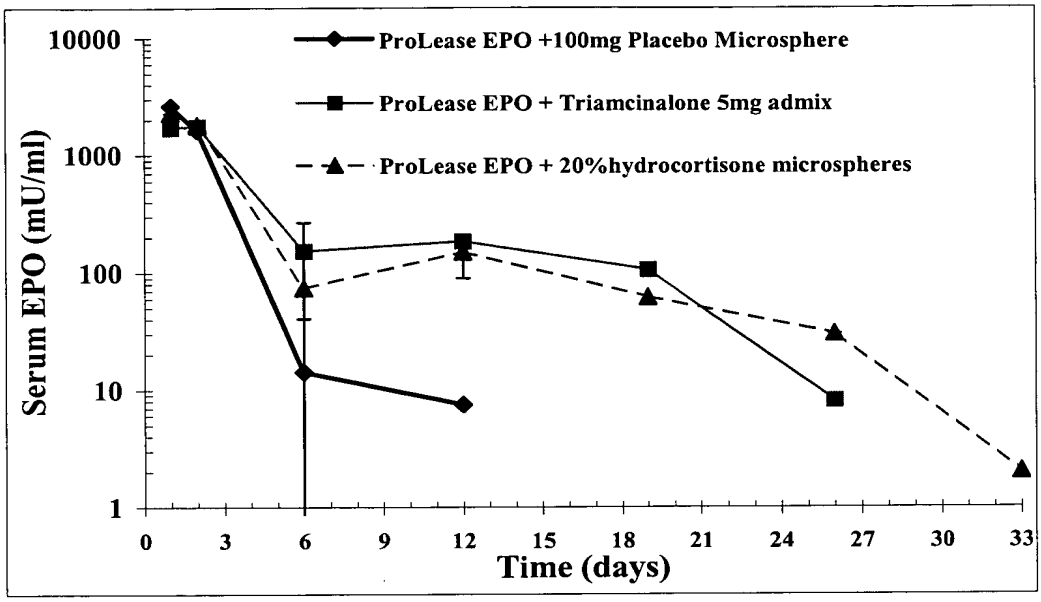
ProLease EPO +100mg Placebo Microsphere
ProLease EPO + Triamcinalone 5mg admix
ProLease EPO + 20%hydrocortisone microspheres
Serum EPO (mU/ml)
10000
1000
100
10
1
0
3
6
9
12
15
18
21
24
27
30
33
Time (days)

FIG. 4

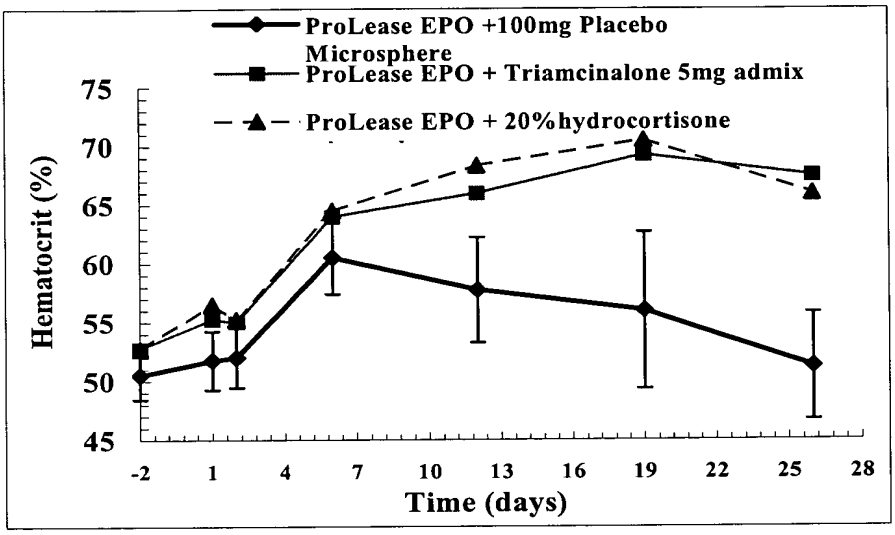
ProLease EPO +100mg Placebo Microsphere
ProLease EPO + Triamcinalone 5mg admix
ProLease EPO + 20%hydrocortisone
Hematocrit (%)
75
70
65
60
55
50
45
-2
1
4
7
10
13
16
19
22
25
28
Time (days)

FIG. 5

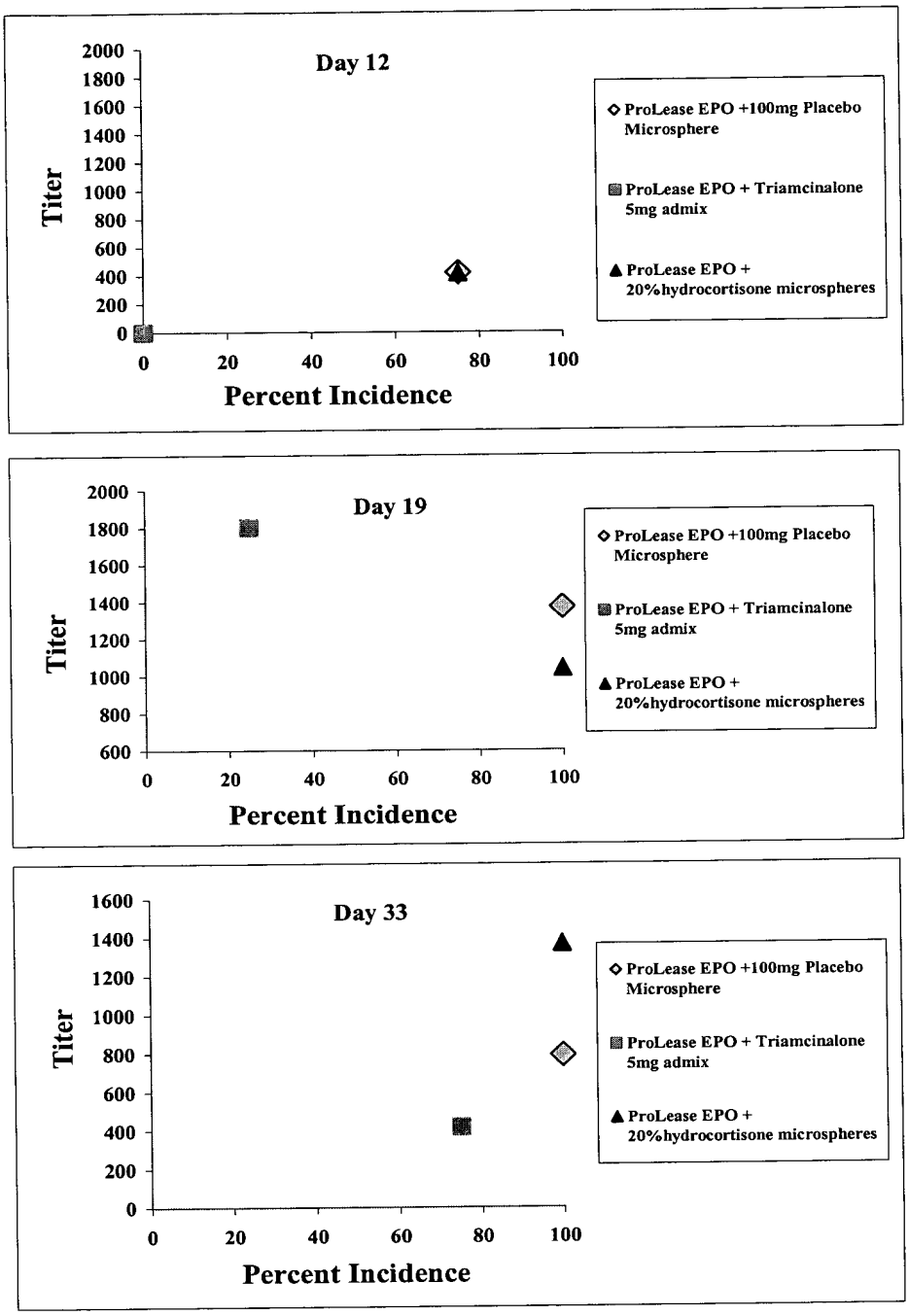
Day 12
Titer
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
20
40
60
80
100
Percent Incidence
◇ ProLease EPO +100mg Placebo Microsphere
ProLease EPO + Triamcinalone 5mg admix
▲ ProLease EPO + 20%hydrocortisone microspheres
Day 19
Titer
2000
1800
1600
1400
1200
1000
800
600
0
20
40
60
80
100
Percent Incidence
◇ ProLease EPO +100mg Placebo Microsphere
ProLease EPO + Triamcinalone 5mg admix
▲ ProLease EPO + 20%hydrocortisone microspheres
Day 33
Titer
1600
1400
1200
1000
800
600
400
200
0
0
20
40
60
80
100
Percent Incidence
◇ ProLease EPO +100mg Placebo Microsphere
ProLease EPO + Triamcinalone 5mg admix
▲ ProLease EPO + 20%hydrocortisone microspheres

FIG. 6A, 6B, 6C

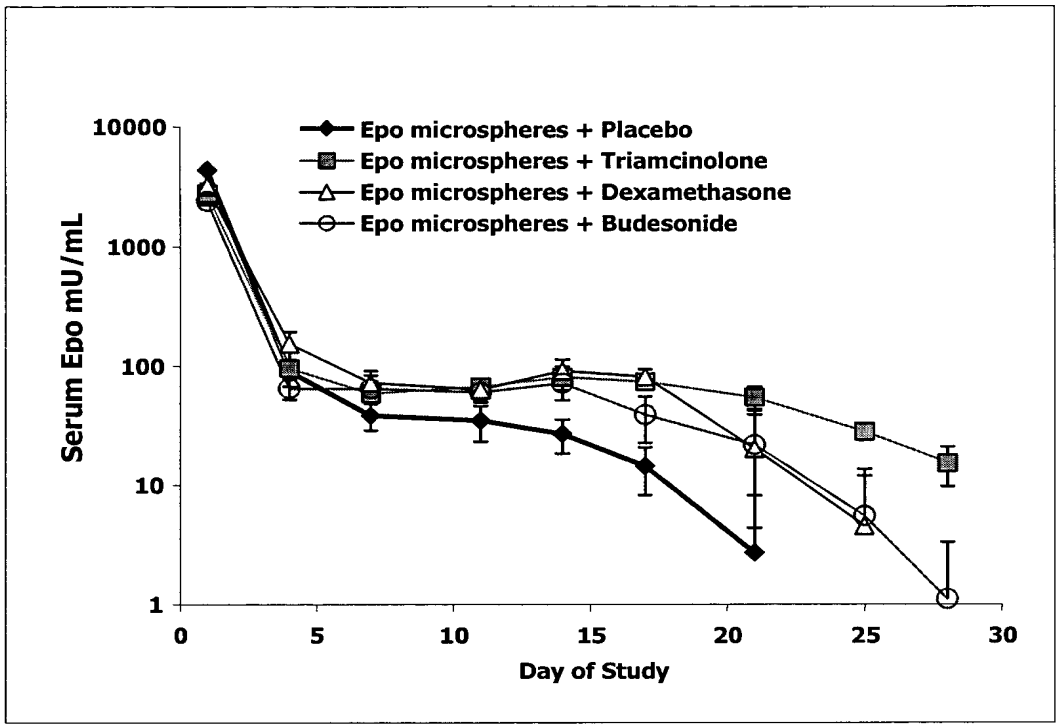
Epo microspheres + Placebo
Epo microspheres + Triamcinolone
Epo microspheres + Dexamethasone
Epo microspheres + Budesonide
Serum Epo mU/mL
10000
1000
100
10
1
0
5
10
15
20
25
30
Day of Study

FIG. 7A

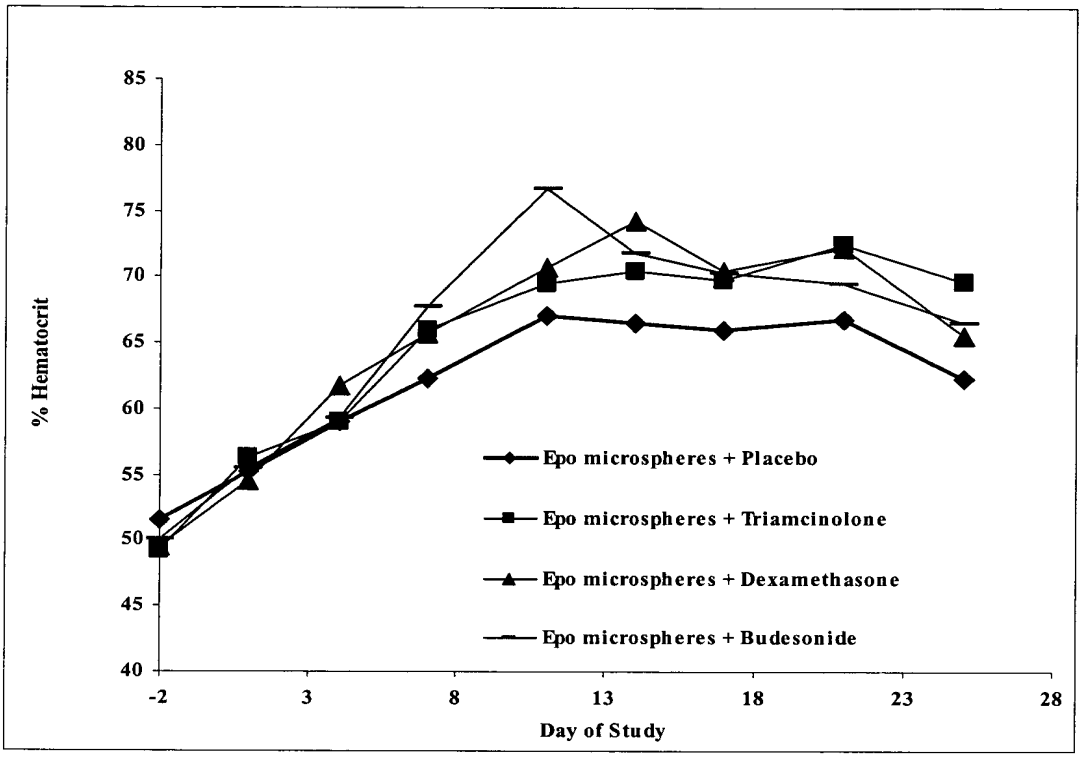
% Hematocrit
85
80
75
70
65
60
55
50
45
40
-2
3
8
13
18
23
28
Day of Study
Epo microspheres + Placebo
Epo microspheres + Triamcinolone
Epo microspheres + Dexamethasone
Epo microspheres + Budesonide

FIG. 7B

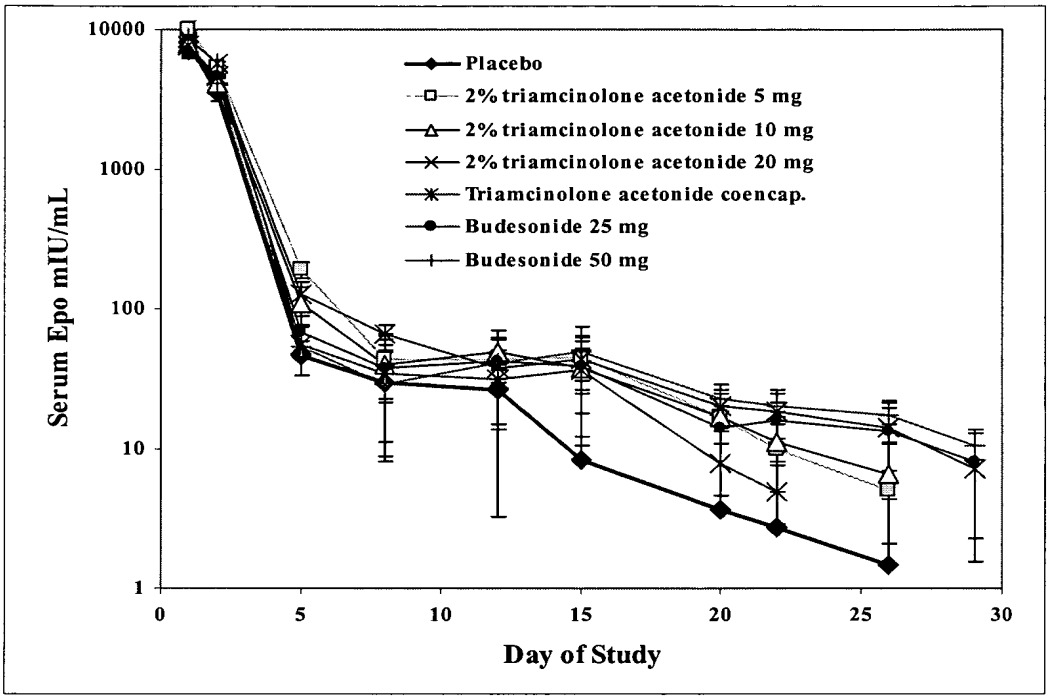
10000
1000
100
10
1
Serum Epo mIU/mL
0
5
10
15
20
25
30
Day of Study
Placebo
2% triamcinolone acetonide 5 mg
2% triamcinolone acetonide 10 mg
2% triamcinolone acetonide 20 mg
Triamcinolone acetonide coencap.
Budesonide 25 mg
Budesonide 50 mg

FIG. 8A

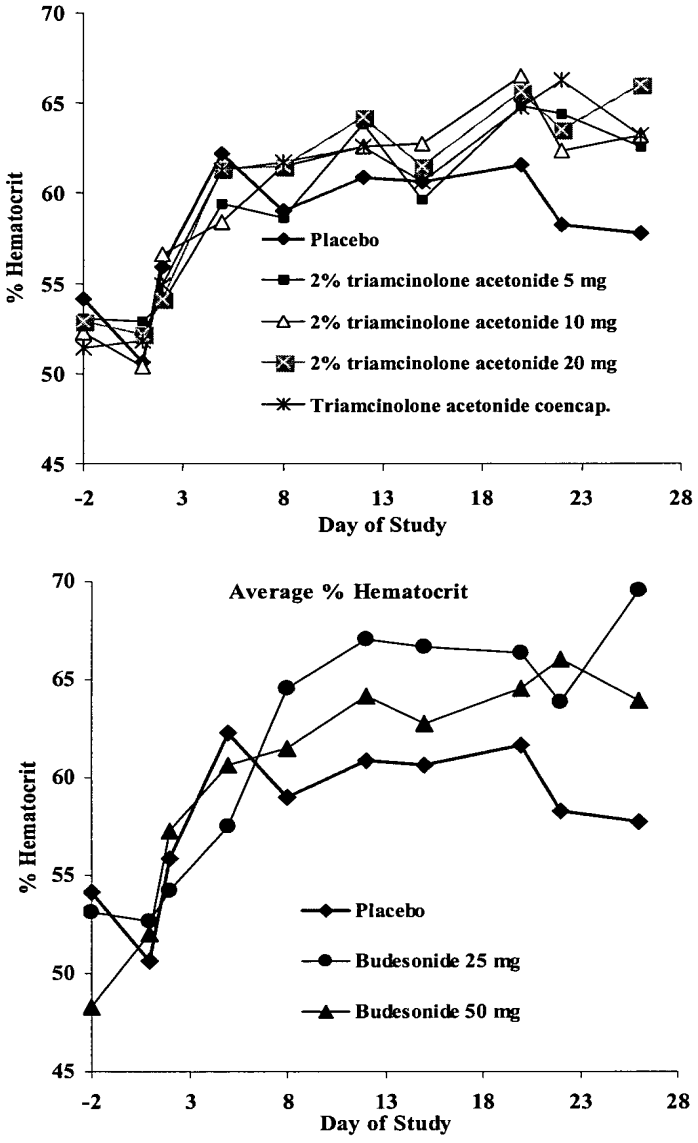
70
65
60
55
50
45
% Hematocrit
-2
3
8
13
18
23
28
Day of Study
Placebo
2% triamcinolone acetonide 5 mg
2% triamcinolone acetonide 10 mg
2% triamcinolone acetonide 20 mg
Triamcinolone acetonide coencap.
Average % Hematocrit
70
65
60
55
50
45
% Hematocrit
-2
3
8
13
18
23
28
Day of Study
Placebo
Budesonide 25 mg
Budesonide 50 mg

FIG. 8B

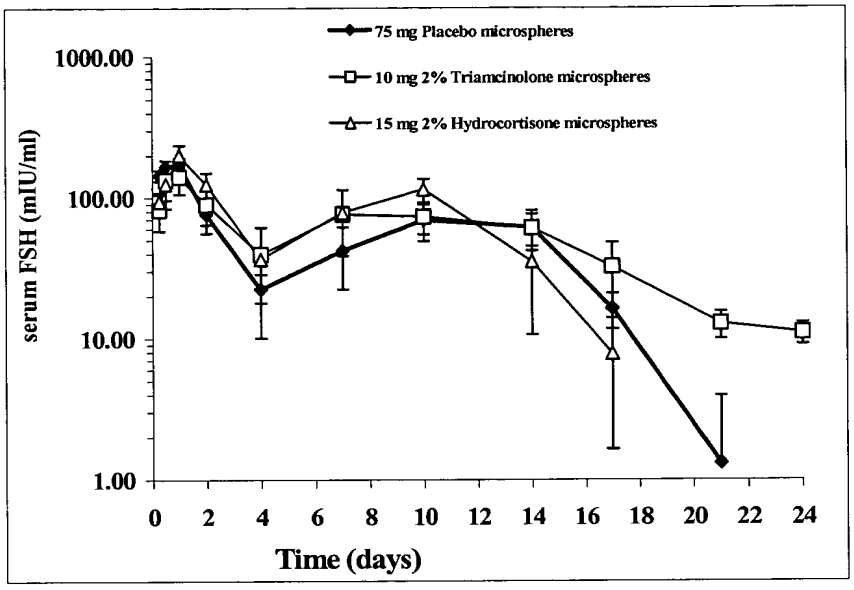
75 mg Placebo microspheres
10 mg 2% Triamcinolone microspheres
15 mg 2% Hydrocortisone microspheres
1000.00
100.00
10.00
1.00
serum FSH (mIU/ml)
0
2
4
6
8
10
12
14
16
18
20
22
24
Time (days)

FIG. 9

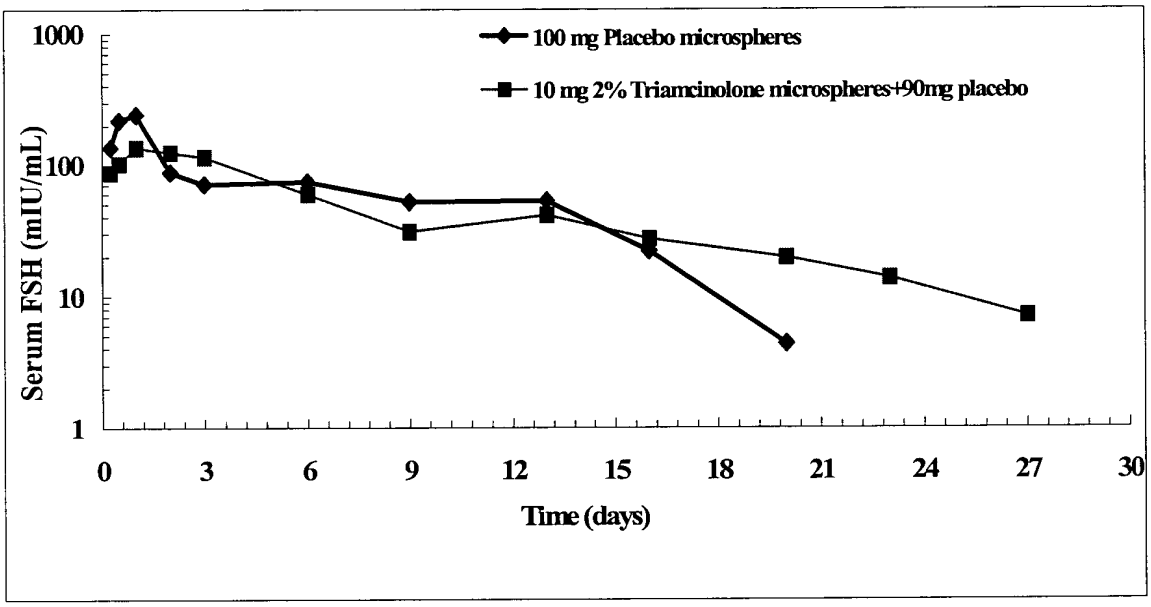
1000
100
10
1
Serum FSH (mIU/mL)
100 mg Placebo microspheres
10 mg 2% Triamcinolone microspheres+90mg placebo
0
3
6
9
12
15
18
21
24
27
30
Time (days)

FIG. 10

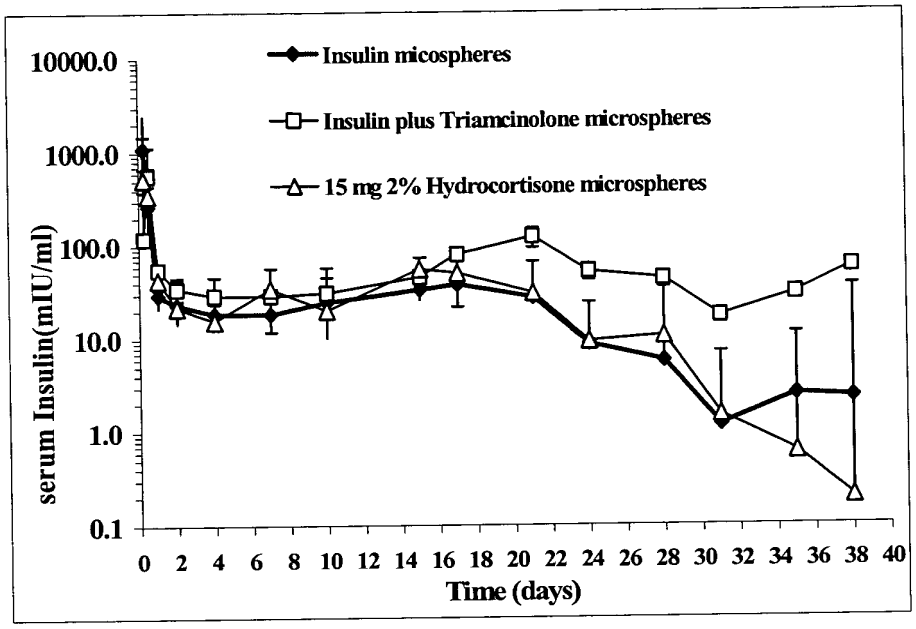
Insulin micospheres
Insulin plus Triamcinolone microspheres
15 mg 2% Hydrocortisone microspheres
serum Insulin(mIU/ml)
10000.0
1000.0
100.0
10.0
1.0
0.1
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40
Time (days)

FIG. 11

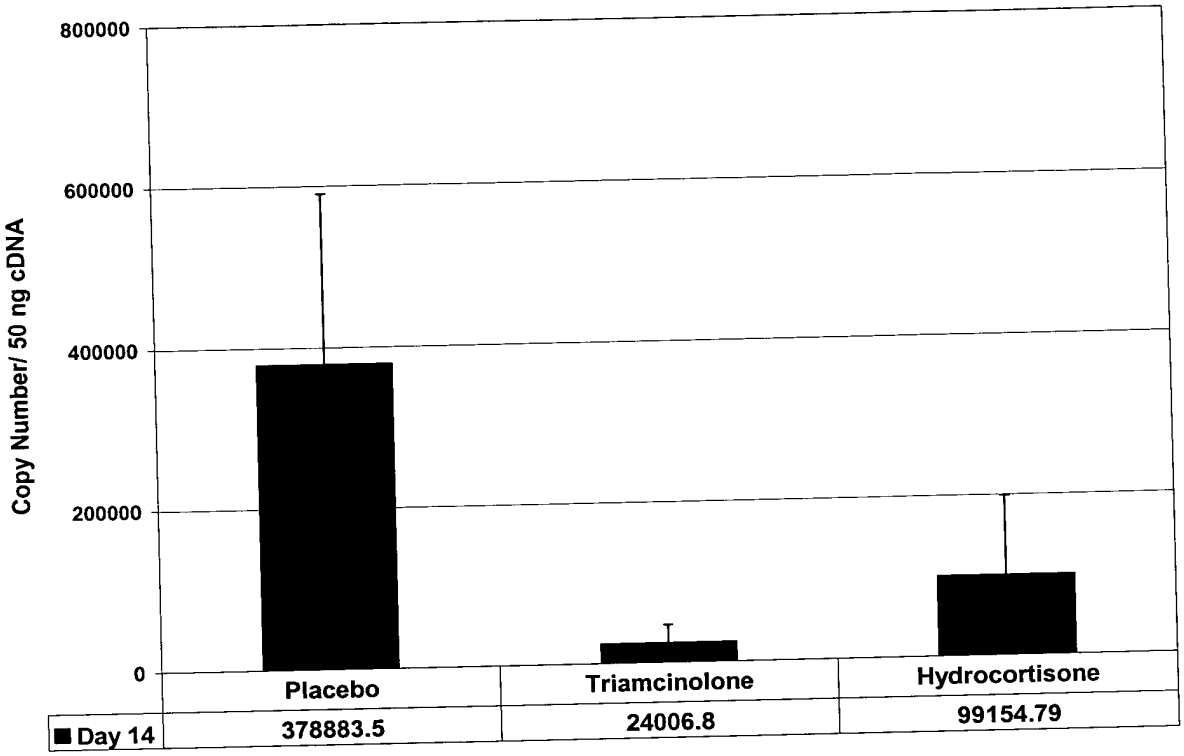
800000
600000
400000
200000
0
Copy Number/ 50 ng cDNA
Placebo
Triamcinolone
Hydrocortisone
Day 14
378883.5
24006.8
99154.79

FIG. 12

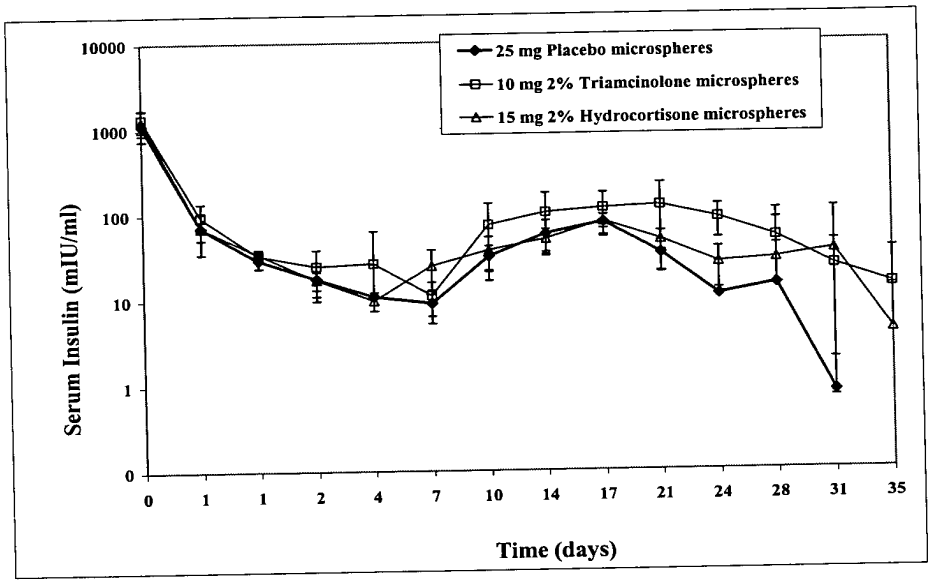
25 mg Placebo microspheres
10 mg 2% Triamcinolone microspheres
15 mg 2% Hydrocortisone microspheres
Serum Insulin (mIU/ml)
10000
1000
100
10
1
0
0
1
1
2
4
7
10
14
17
21
24
28
31
35
Time (days)

FIG. 13

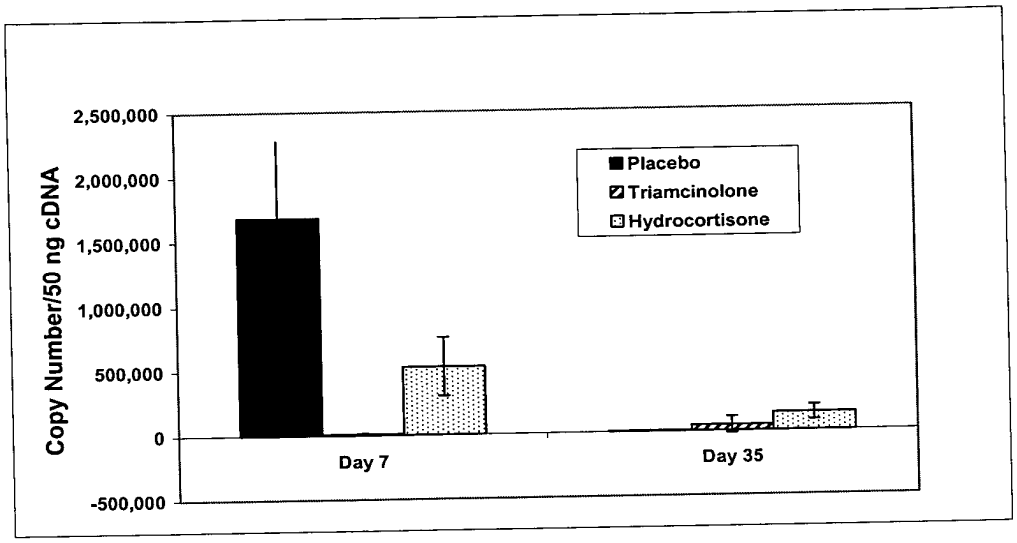
2,500,000
2,000,000
1,500,000
1,000,000
500,000
0
-500,000
Copy Number/50 ng cDNA
Placebo
Triamcinolone
Hydrocortisone
Day 7
Day 35

FIG. 14

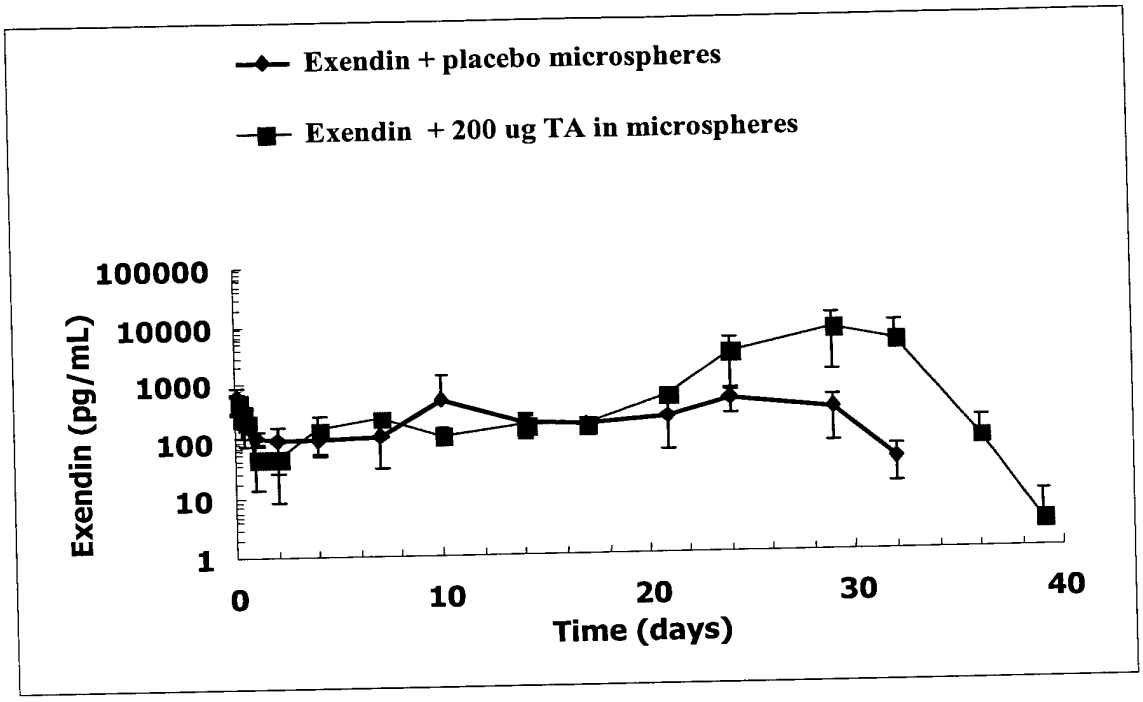
Exendin + placebo microspheres
Exendin + 200 ug TA in microspheres
Exendin (pg/mL)
100000
10000
1000
100
10
1
0
10
20
30
40
Time (days)

FIG. 15

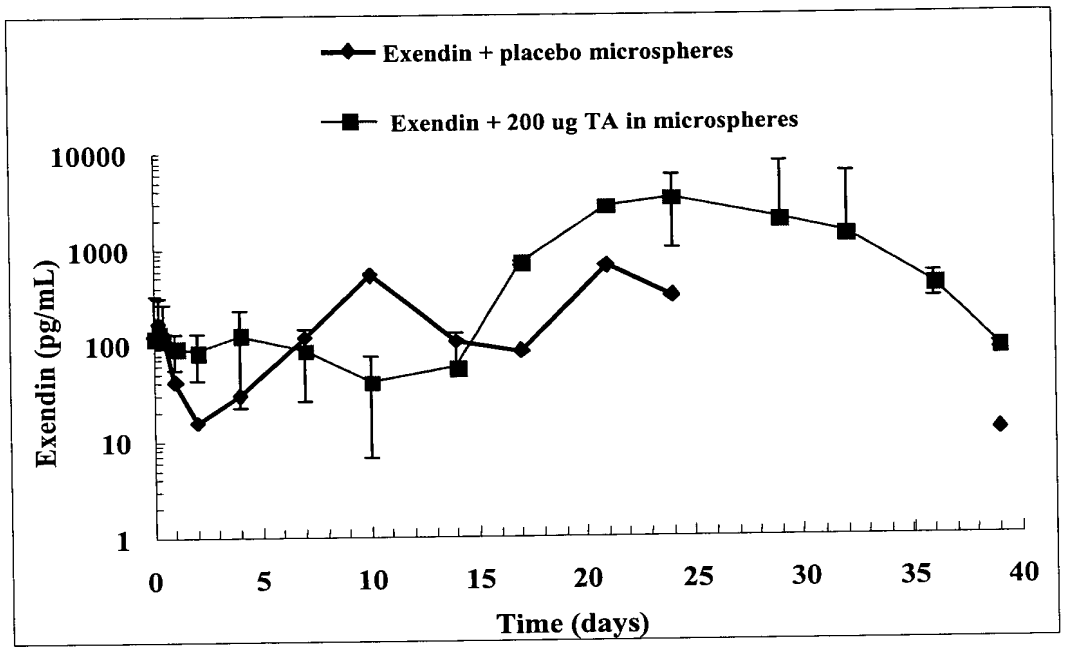
Exendin + placebo microspheres
Exendin + 200 ug TA in microspheres
10000
1000
100
10
1
Exendin (pg/mL)
0
5
10
15
20
25
30
35
40
Time (days)

FIG. 16